

What Is Claimed Is:

1. Apparatus comprising:
 - (a) means for heating and cooling cab of a truck;
 - (b) means for charging at least one battery in said truck;
 - (c) generator means for supplying electricity of normal ac voltage as is allowable for 60 Hertz application to means (a) and means (b); and
 - (d) means to supply an alternative source of electricity,

the apparatus is capable of being used during powered operation of the truck, and is capable of being used for elimination of the need for idling of engine of the truck when the truck is not moving under motorized power.
2. The apparatus of Claim 1, wherein the generator means (c) is a generator.
3. The apparatus of Claim 2, wherein the generator also supplies 60 Hertz normal ac voltage electricity to the cab of the truck other than means (a) and means (b).
4. The apparatus of Claim 1, wherein the means (a) is a unit capable of heating and cooling atmosphere in the cab of the truck.
5. The apparatus of Claim 1, wherein the means (b) is a battery charger.
6. The apparatus of Claim 5, wherein the battery charger (b) is capable of maintaining a charged condition of the at least one battery of the truck for starting the engine of the truck.
7. The apparatus of Claim 1, wherein the generator means (c) is a generator, the means (a) is a unit capable of heating and cooling atmosphere in the cab of the truck and the means (b) is a battery charger that is capable of maintaining the at least one battery of the truck.

8. The apparatus of Claim 7, wherein the apparatus also provides electricity to an immersion engine block heater of the truck.

9. The apparatus of Claim 1, wherein means (c) is contained in a single enclosure that is mounted on the frame of the truck.

10. The apparatus of Claim 9, wherein the enclosure is located under a door of the cab of the truck and has a step appendage.

11. Combination of a truck and an apparatus, the apparatus is mounted on the truck, the apparatus comprises:

(a) means for heating and cooling cab of the truck;

(b) means for charging at least one battery in said truck;

(c) generator means for supplying electricity of normal ac voltage as is allowable for 60 Hertz application to means (a) and (b); and

(d) means to supply an alternative source of electricity,

said apparatus is capable of being used during powered mobile operation of the truck, and is capable of being used to elimination of the need for idling of the truck when the truck is not moved under motorized power.

12. The combination of Claim 11, wherein the generator means (c) is a generator.

13. The combination of Claim 12, wherein the generator also supplies 60 hertz normal ac voltage of the truck other than means (a) and means (b).

14. The combination of Claim 11, wherein the means (a) is a nonheat pump unit capable of heating and cooling atmosphere in the cab of the truck.

15. The combination of Claim 11, wherein the means (b) is a battery charger.

16. The combination of Claim 15, wherein the battery charger (b) is capable of maintaining a charged condition of the at least one battery of the truck for starting the engine of the truck.

17. The combination of Claim 11, wherein the generator means (c) is a generator, the means (a) is a unit capable of heating and cooling atmosphere in the cab of a truck, and the means (b) is a battery charger that is capable of maintaining the at least one battery of the truck.

18. The combination of Claim 17, wherein the apparatus also provides electricity to an immersion engine block heater of the truck.

19. The combination of Claim 17, wherein means (c) is contained in a single enclosure that is mounted on the frame of the truck.

20. The combination of Claim 19, wherein the enclosure is located under a door of the cab of the truck and has a step appendage.